

## SEQUENCE LISTING

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<120> ANTIGENIC EPITOPES AND MOSAIC POLYPEPTIDES OF HEPATITIS C VIRUS  
PROTEINS

<130> 14114.0349U2

<140> PCT/US99/15578

<141> 1999-09-07

<150> 60/092,339

<151> 1999-07-10

<160> 5

<170> PatentIn version 3.0

<210> 1

<211> 91

<212> PRT

<213> Hepatitis C Virus

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Met Ser Thr Asn Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn  
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Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly  
20 25 30

Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala  
35 40 45

Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro  
50 55 60

Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly  
65 70 75 80

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Val	Pro	His	Pro	Asn	Ile	Glu	Glu	Val	Ala	Leu	Ser	Asn	Thr	Gly	Glu
1				5					10					15	

Ile Pro Phe Tyr Gly Lys Ala Ile Pro Ile Glu Ala Ile Lys Gly Gly  
20 25 30

Arg His Leu Ile Phe Cys His Ser Lys Lys Lys Cys Asp Glu Leu Ala  
35 40 45

Ala Lys Leu Thr Gly Leu Gly Leu Asn Ala Val Ala Tyr Tyr Arg Gly  
50 55 60

Leu Asp Val Ser Val Ile Pro Thr Ser Gly Asp Val Val Val Ala Thr  
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Asp Ala Leu Met Thr Gly Phe Thr Gly Asp Phe Asp Ser Val Ile Asp  
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Cys Asn Thr Cys Val Thr  
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<213> Hepatitis C Virus
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Ser Val Val Ile Val Gly Arg Ile Ile Leu Ser Gly Arg Pro Ala Val  
1 5 10 15

Ile Pro Asp Arg Glu Val Leu Tyr Gln Glu Phe Asp Glu Met Glu Glu  
20 25 30

Cys Ala Ser His Leu Pro Tyr Ile Glu Gln Gly Met Gln Leu Ala Glu  
35 40 45

Gln Phe Lys Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala Thr Lys Gln  
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 Ala Glu Ala Ala Ala Pro Val Val Glu Ser Lys Trp Arg Ala Leu  
       65                                  70                                  75

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 <212> PRT  
 <213> Hepatitis C Virus

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Met Asn Arg Leu Ile Ala Phe Ala Ser Arg Gly Asn His Val Ser Pro  
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Thr His Tyr Val Pro Glu Ser Asp Ala Ala Ala Arg Val Thr Gln Ile  
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Leu

<210> 5  
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<400> 5

Lys Ala Thr Cys Thr Thr His His Asp Ser Pro Asp Ala Asp Leu Ile  
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Glu Ala Asn Leu Leu Trp Arg Gln Glu Met Gly Gly Asn Ile Thr Arg  
                   20                                  25                                  30

Val Glu Ser Glu Asn Lys Val Val Ile Leu Asp Ser Phe Asp Pro Ile  
                   35                                  40                                  45

Arg Ala Val Glu Asp Glu Arg Glu Ile Ser Val Pro Ala Glu Ile Leu  
                   50                                  55                                  60

Arg Lys Pro Arg Lys Phe Pro Pro Ala Leu Pro Ile Trp Ala Arg Pro  
       65                                  70                                  75                                  80

Asp Tyr Asn Pro Pro Leu Leu Glu Ser Trp Lys Asp Pro Asp Tyr Val  
                   85                                  90                                  95

Pro Pro Val Val His Gly  
                   100